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RUBBER COMPOSITION FOR TIRE TREAD (English)
Patent Assignee: BRIDGESTONE CORP
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04857350 RUBBER COMPOSITION FOR TIRE TREAD

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JAPIO Class: 14.2 (ORGANIC CHEMISTRY -- High Polymer Molecular Compounds); 26.2
(TRANSPORTATION -- Motor Vehicles)

ABSTRACT

PURPOSE: To produce the composition which can give a tire tread improved in wet skid resistance without detriment to processability, wear resistance and low heat buildup.

CONSTITUTION: The composition is prepared by compounding 100 pts.wt. natural rubber and/or synthetic diene rubber with 5-30 pts.wt. at least one powder of an inorganic compound represented by the general formula: $M_xSiO_2 \cdot yH_2O$ (wherein M is at least one oxide or hydroxide of a metal selected from among Al, Mg, Ti and Ca; and x and y are each an integer of 0-10) and having a particle diameter of 10.μm or below, and 30-100 pts.wt. carbon black.